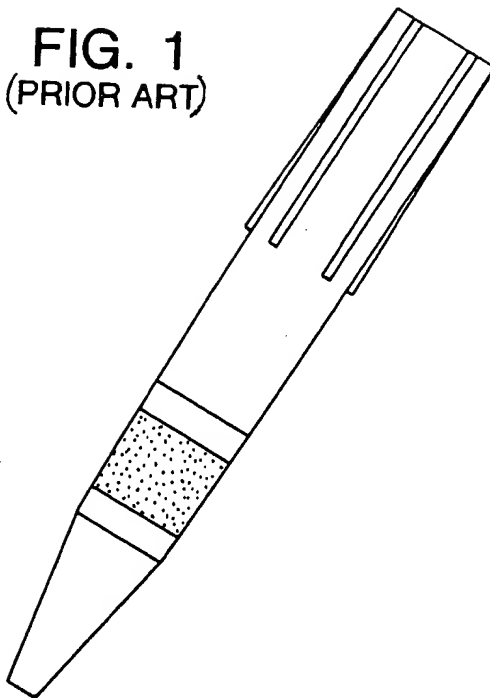




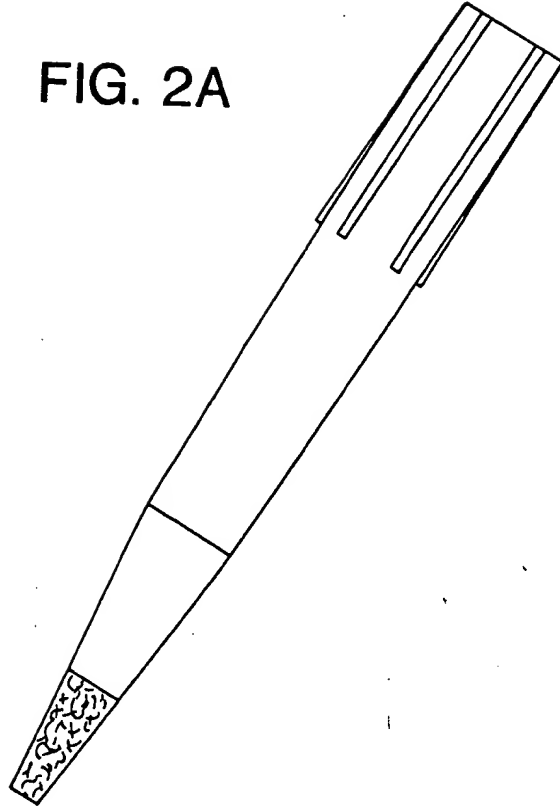
Replacement Sheet

FIG. 1
(PRIOR ART)



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FIG. 2A



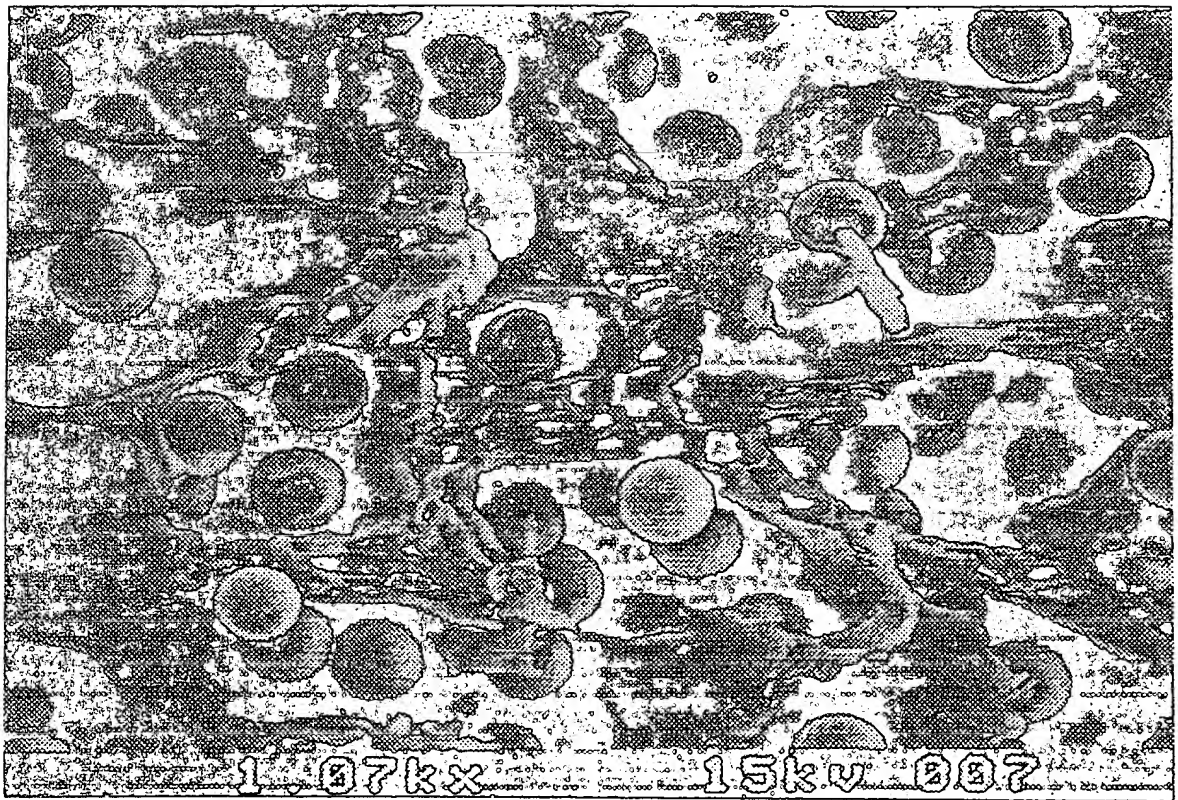
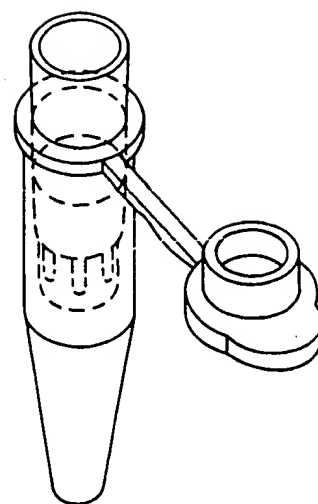
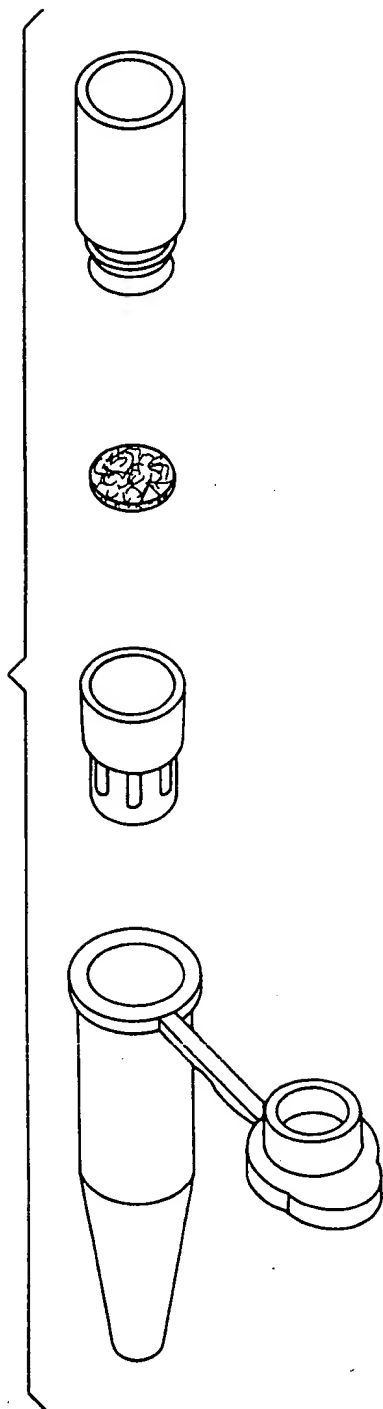


FIG. 2B



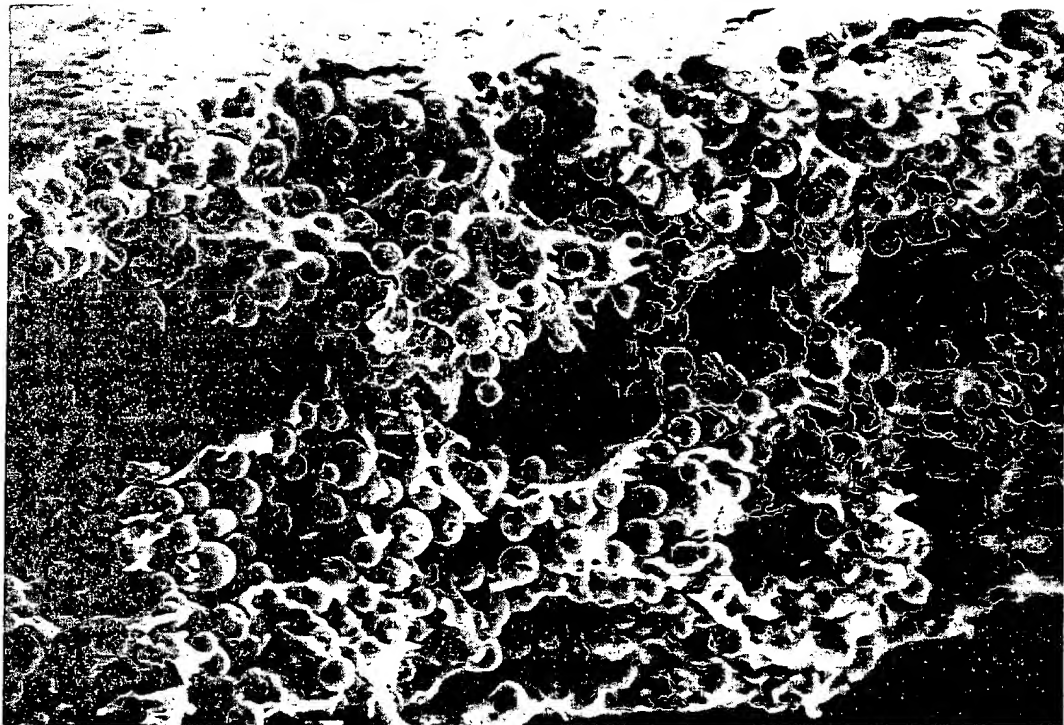


FIG. 4

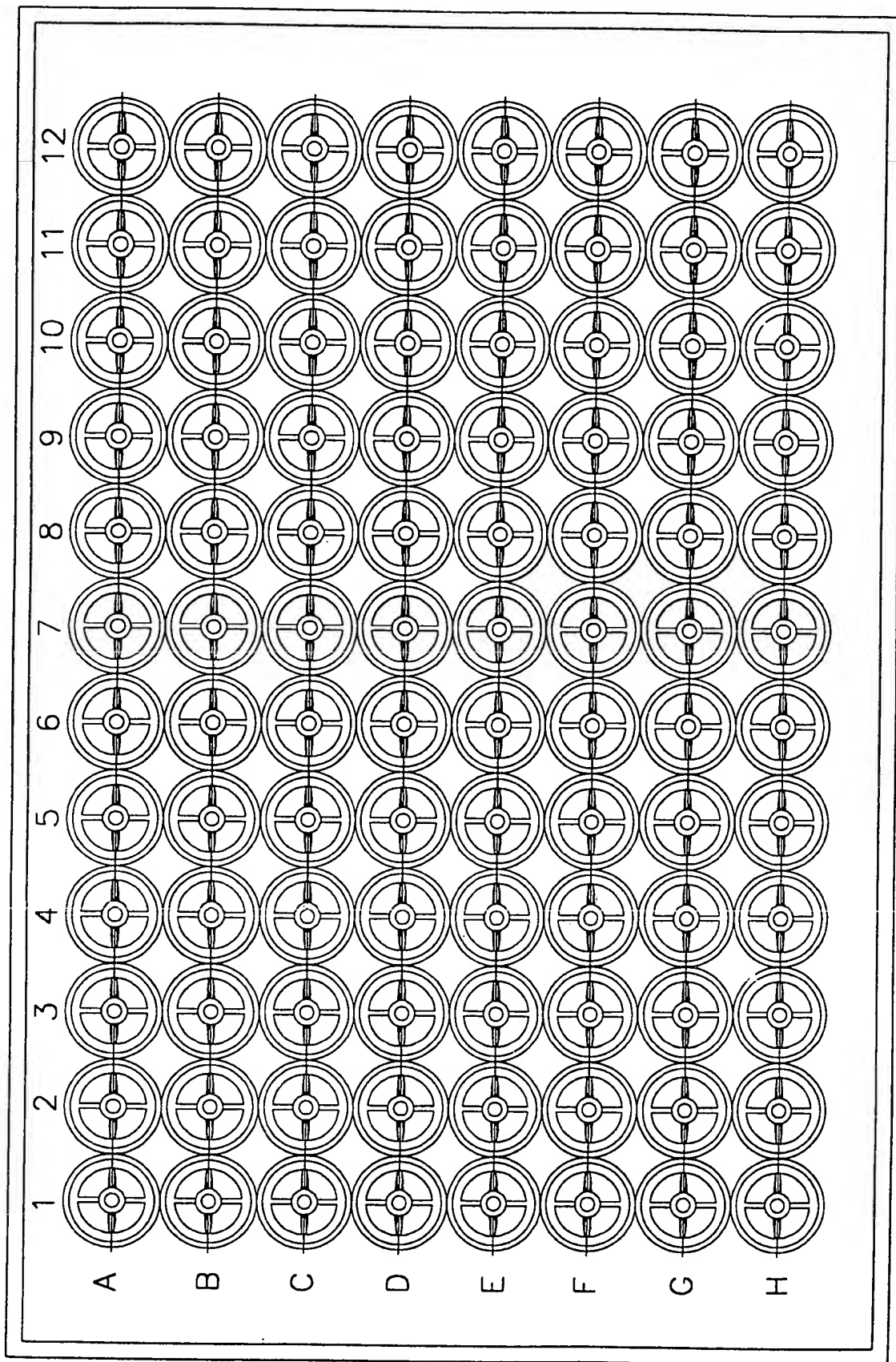


FIG. 5A

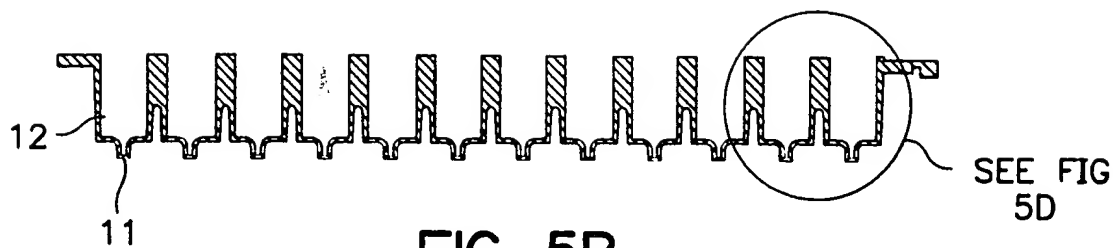


FIG. 5B

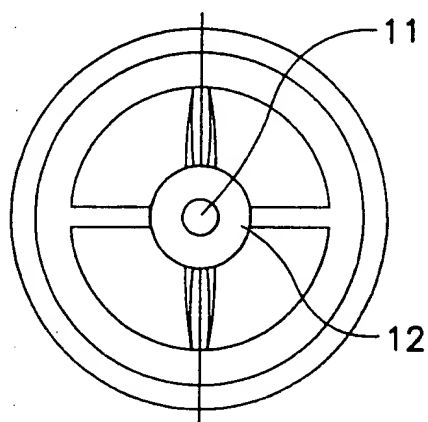


FIG. 5C

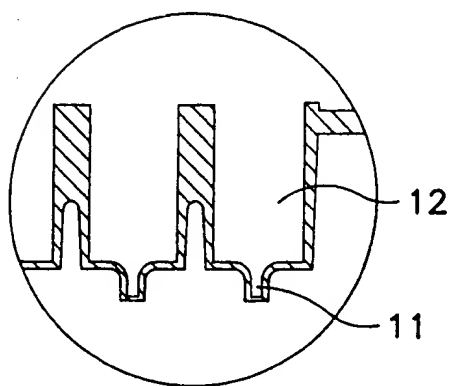


FIG. 5D

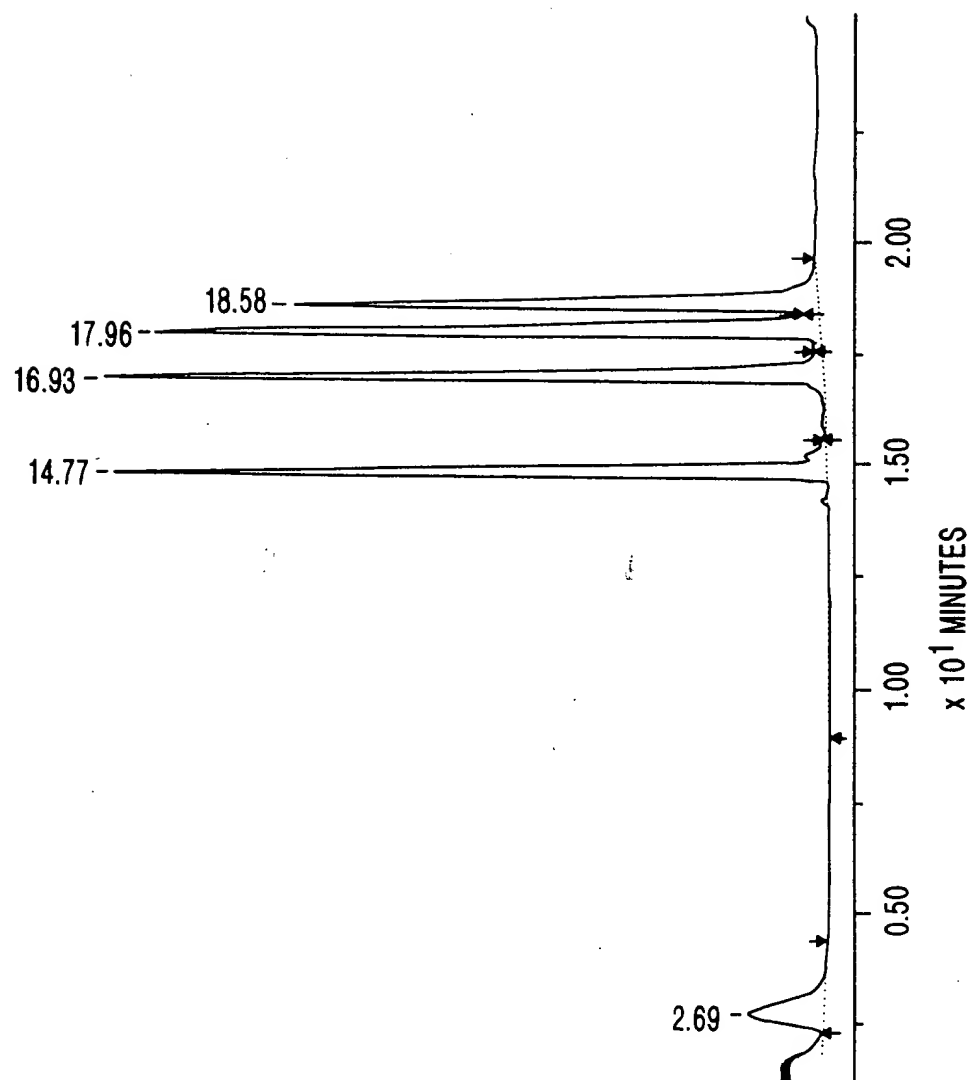


FIG. 6

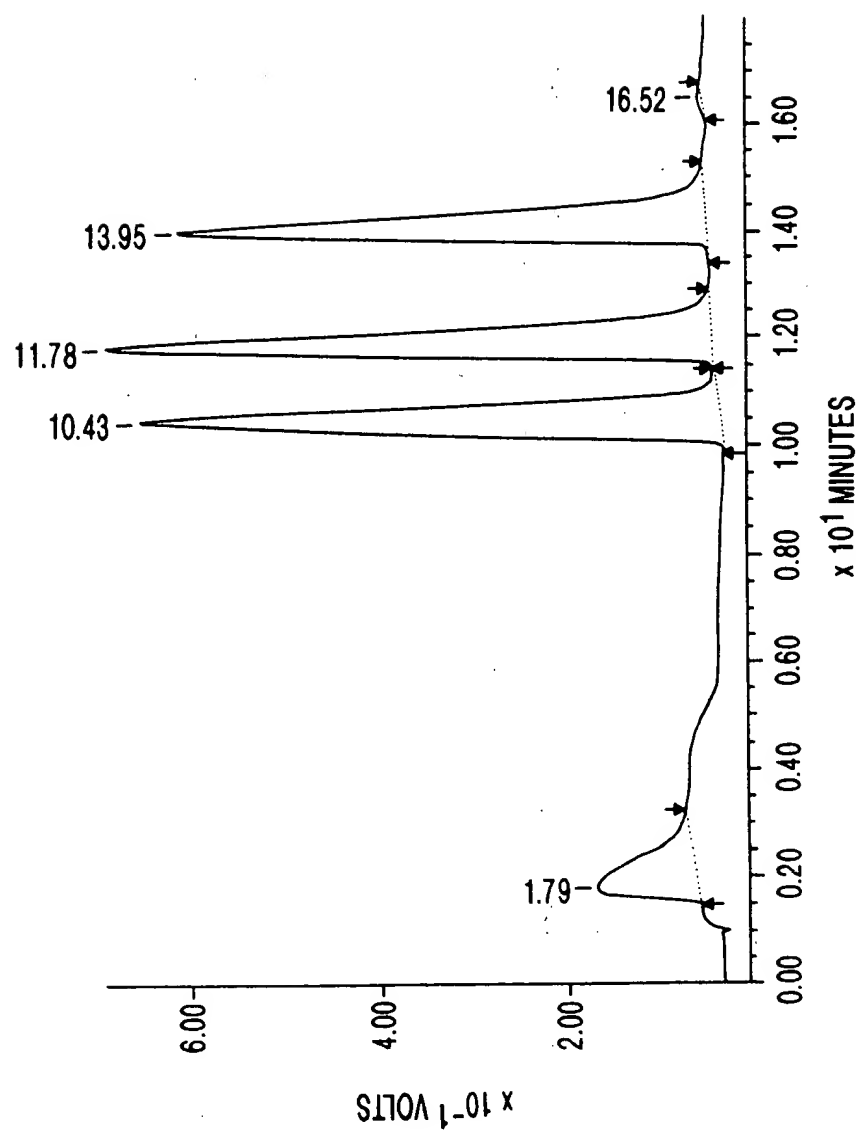


FIG. 7

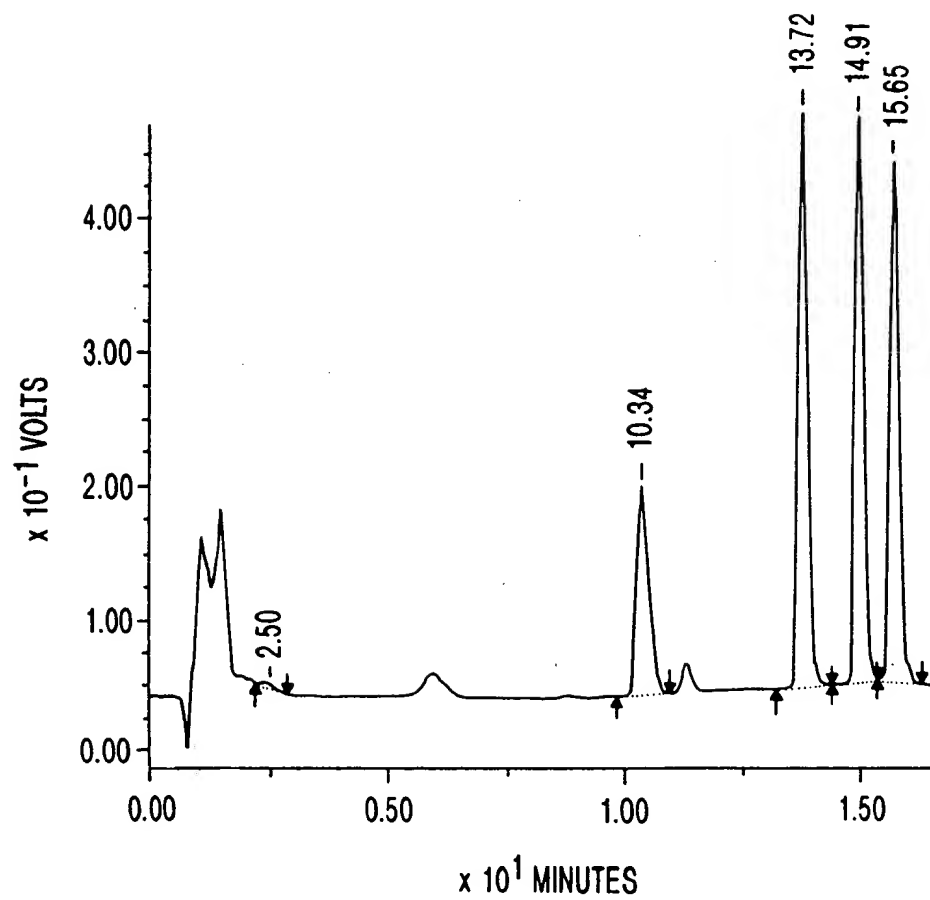
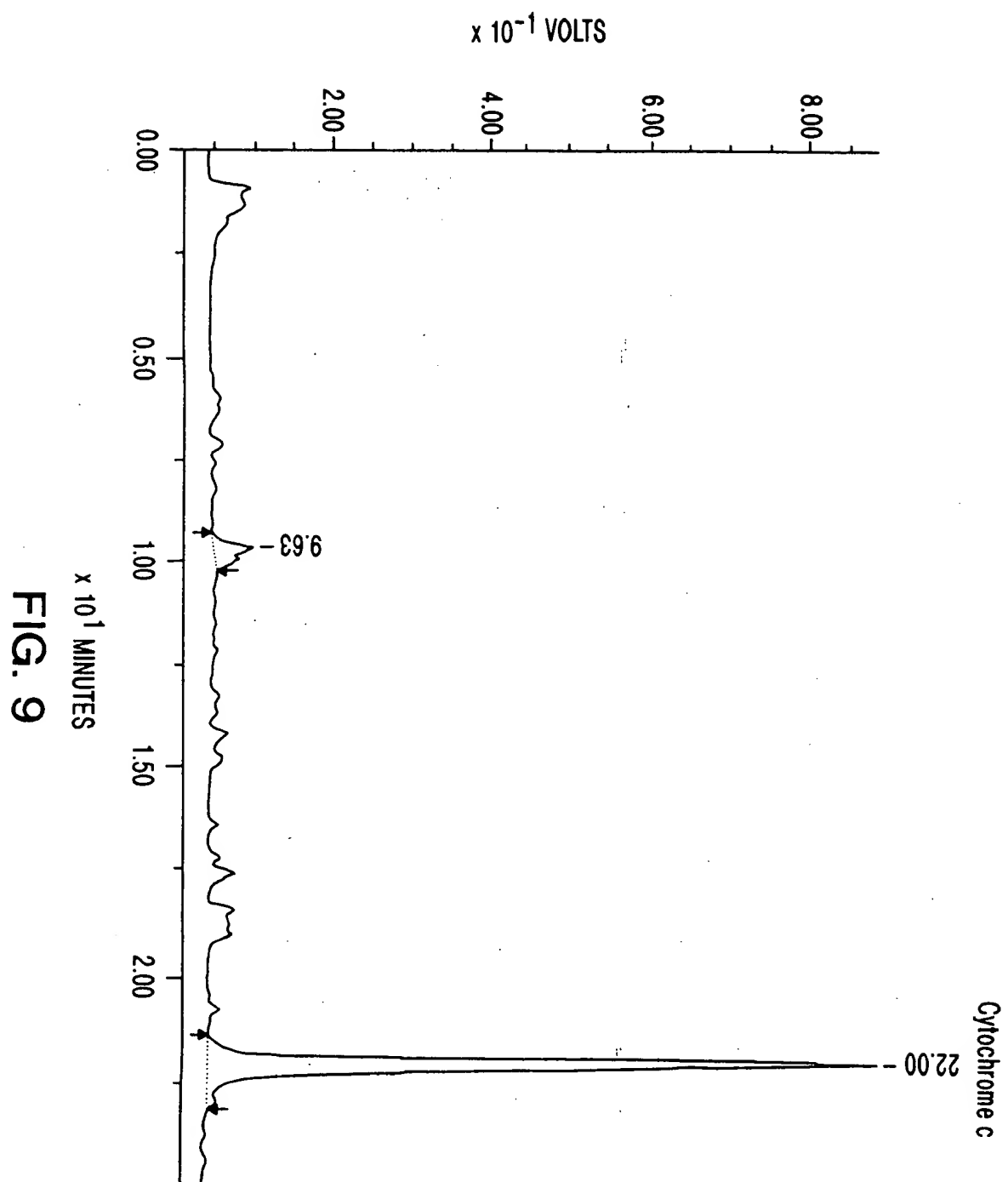
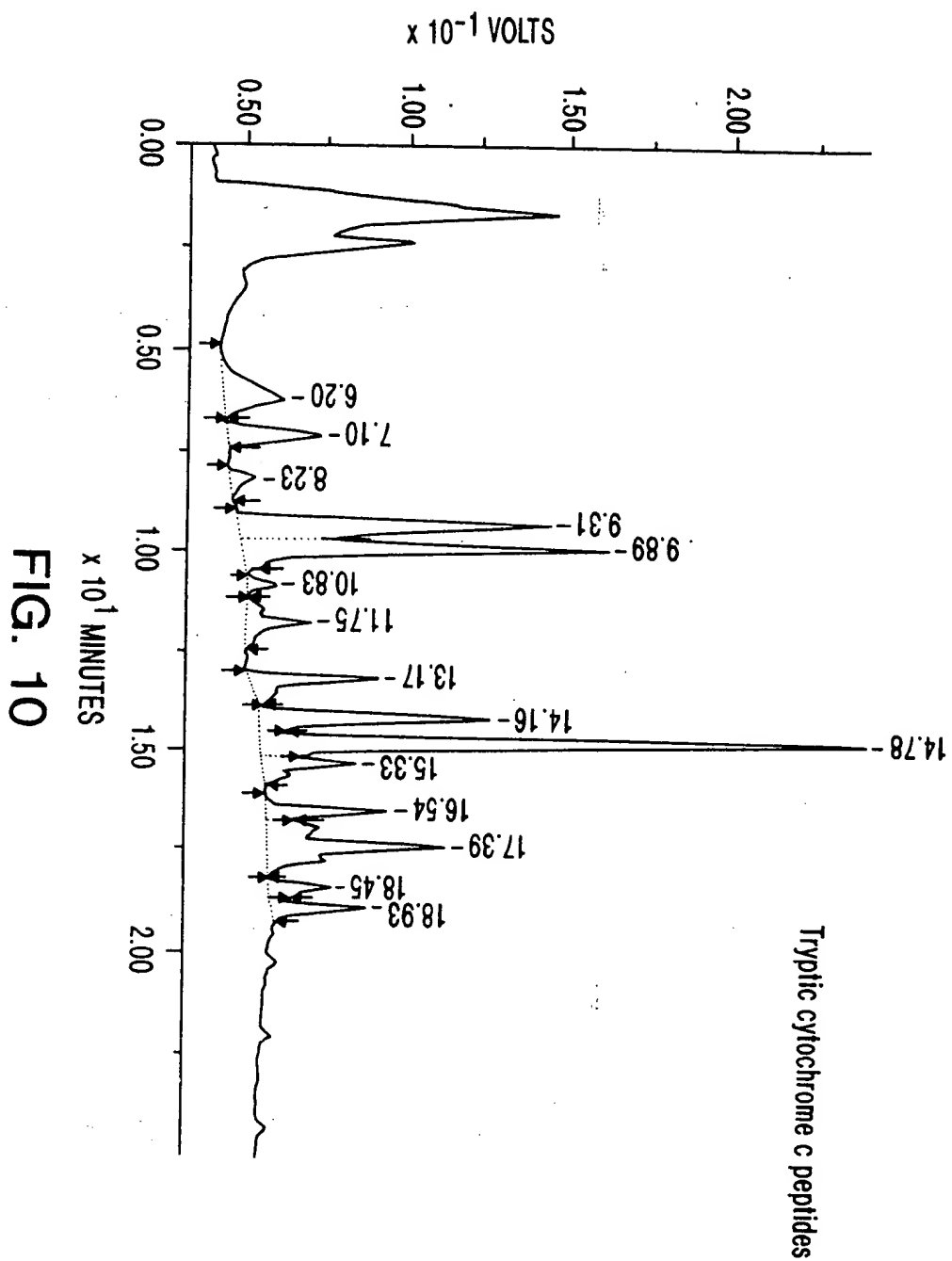
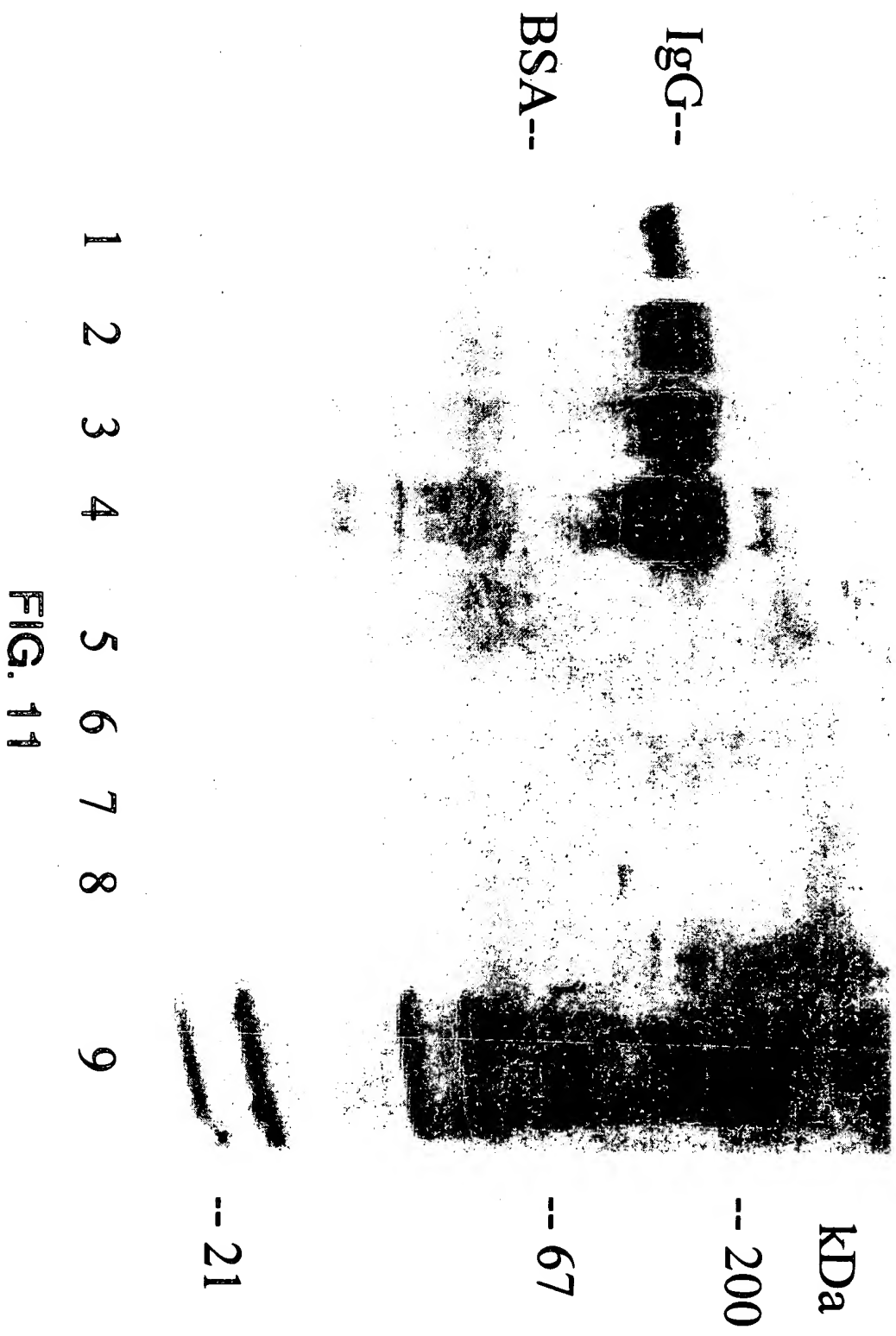


FIG. 8







1 2 3 4 5 6 7 8 9 10 11 12



p. 98 (3885)

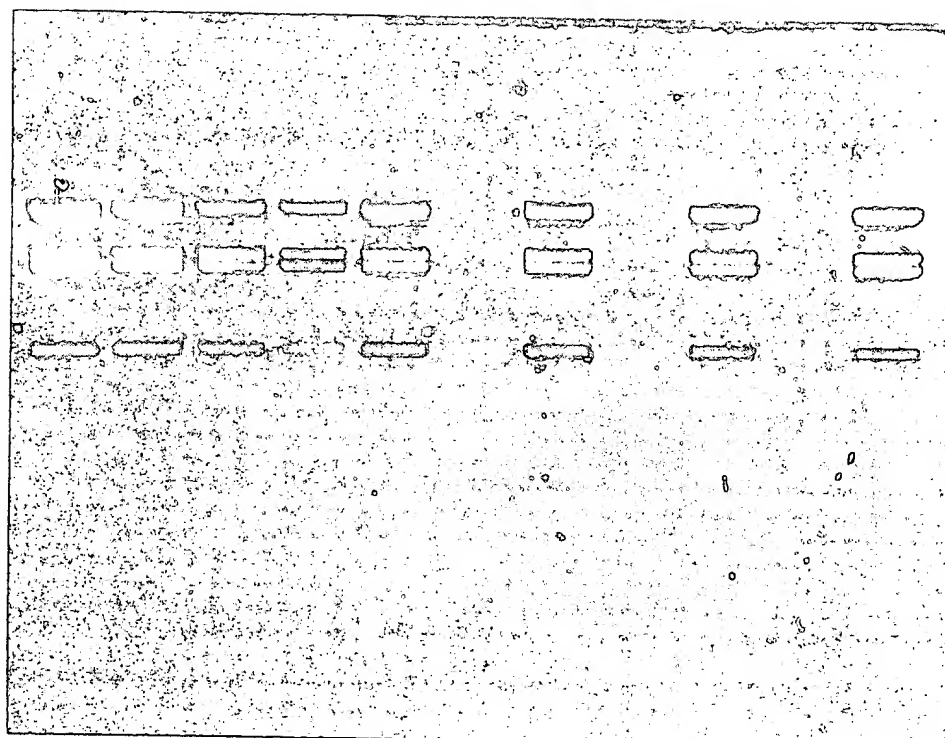
lane

1. 100% recovery equivalent
2. 75% recovery equivalent
3. 50% recovery equivalent
4. 25% recovery equivalent
5. Tip #1 eluate
6. Tip #1 flow through

lane

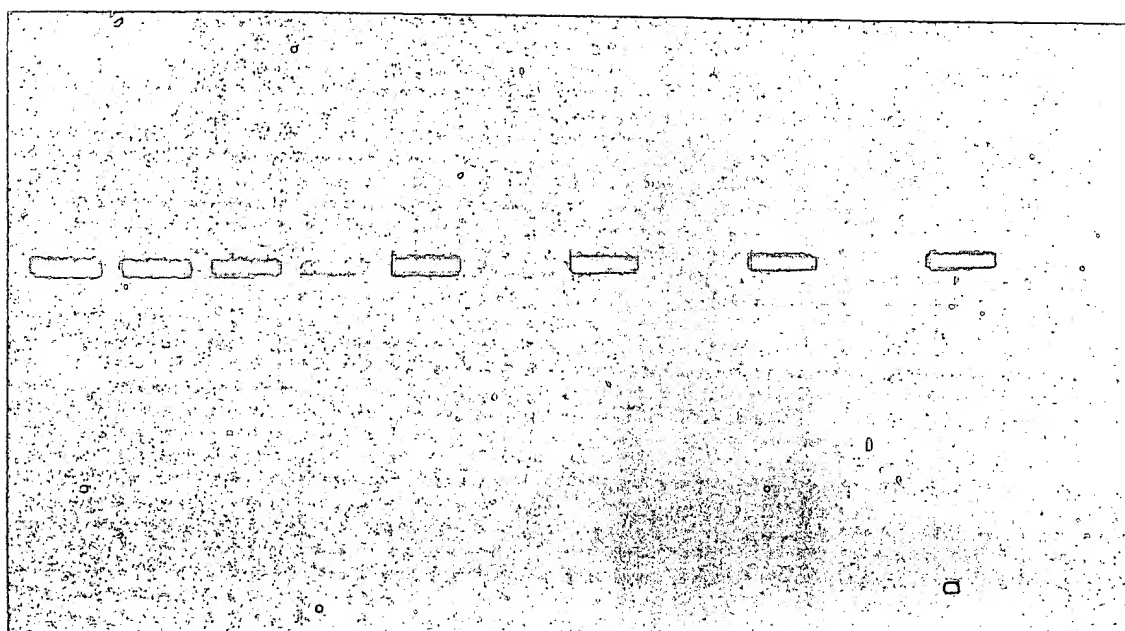
7. Tip #2 eluate
8. Tip #2 flow through
9. Tip #3 eluate
10. Tip #3 flow through
11. Tip #4 eluate
12. Tip #4 flow through

FIG. 12



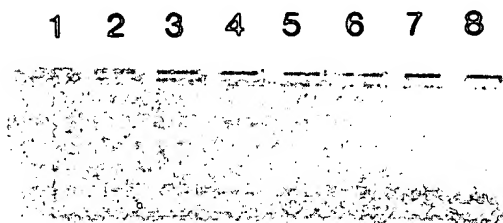
- | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|-------------------------|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| <u>lane</u> | | | | | | <u>lane</u> | | | | | |
| 1. 100% recovery equivalent | | | | | | 7. Tip #2 eluate | | | | | |
| 2. 75% recovery equivalent | | | | | | 8. Tip #2 flow through | | | | | |
| 3. 50% recovery equivalent | | | | | | 9. Tip #3 eluate | | | | | |
| 4. 25% recovery equivalent | | | | | | 10. Tip #3 flow through | | | | | |
| 5. Tip #1 eluate | | | | | | 11. Tip #4 eluate | | | | | |
| 6. Tip #1 flow through | | | | | | 12. Tip #4 flow through | | | | | |

FIG. 13



- | | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|-------------------------|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| <u>lane</u> | | | | | | <u>lane</u> | | | | | |
| 1. 100% recovery equivalent | | | | | | 7. Tip #2 eluate | | | | | |
| 2. 75% recovery equivalent | | | | | | 8. Tip #2 flow through | | | | | |
| 3. 50% recovery equivalent | | | | | | 9. Tip #3 eluate | | | | | |
| 4. 25% recovery equivalent | | | | | | 10. Tip #3 flow through | | | | | |
| 5. Tip #1 eluate | | | | | | 11. Tip #4 eluate | | | | | |
| 6. Tip #1 flow through | | | | | | 12. Tip #4 flow through | | | | | |

FIG. 14



- | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| <u>LANE</u> | | | | | | | |
| 1. 100% recovery equivalent | | | | | | | |
| 2. 75% recovery equivalent | | | | | | | |
| 3. 50% recovery equivalent | | | | | | | |
| 4. 25% recovery equivalent | | | | | | | |
| 5. Tip #1 eluate | | | | | | | |
| 6. Tip #1 flow through | | | | | | | |
| 7. Tip #2 eluate | | | | | | | |
| 8. Tip #2 flow through | | | | | | | |

FIG. 15

93X

700μM

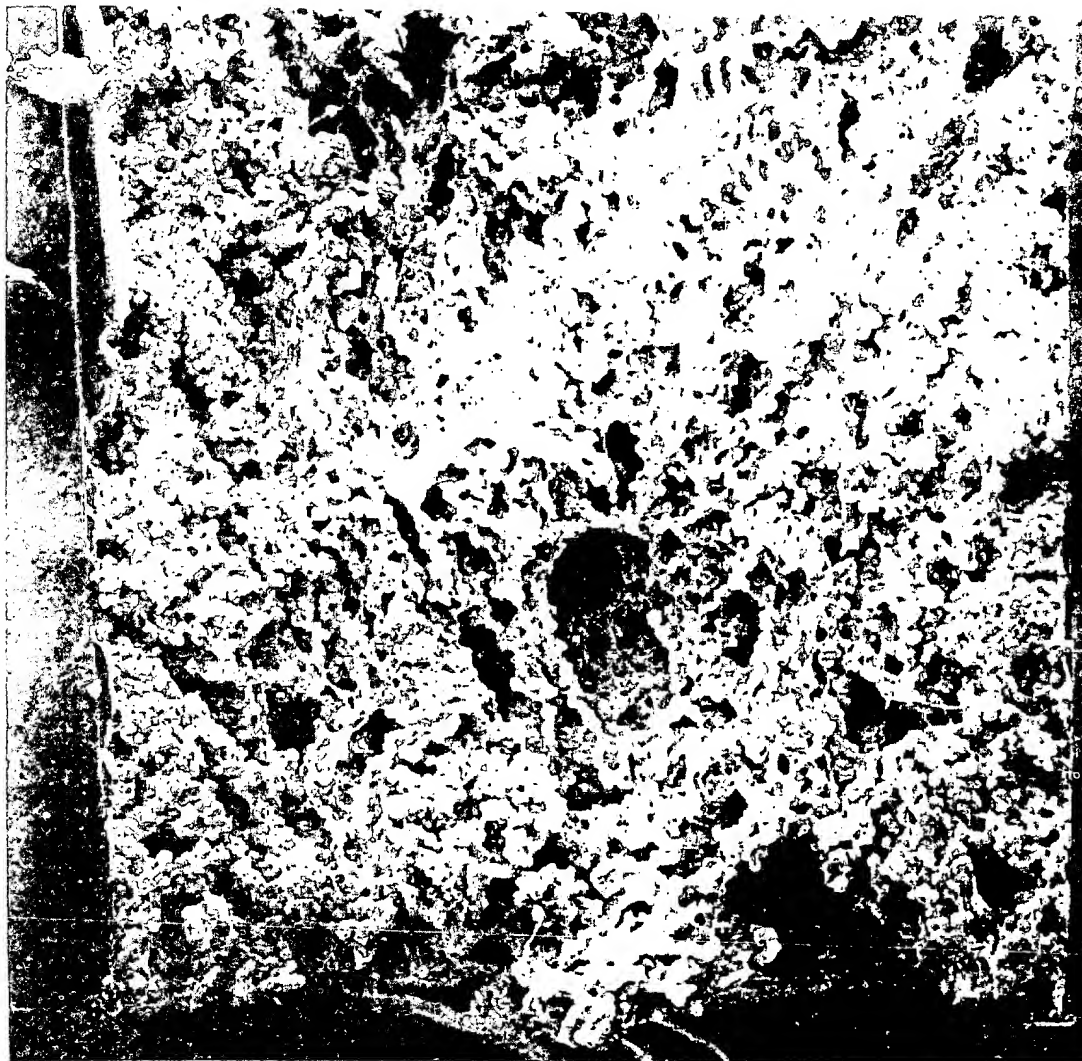


FIG. 16A

91X

720μM

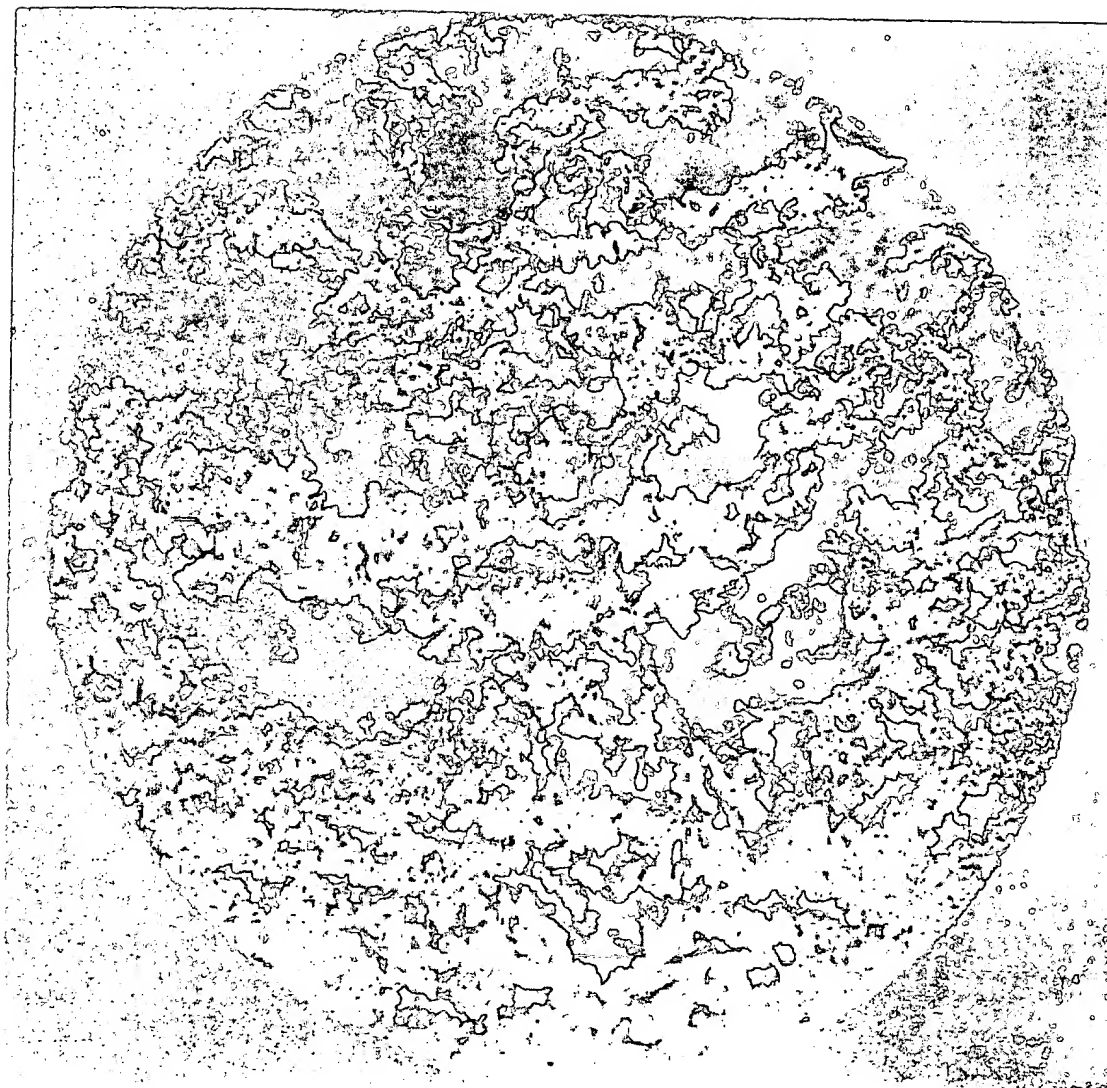


FIG. 16B

380X

170μM



-62

FIG. 17

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